

## Now you can connect your PHANTOM devices to a computer with a FireWire port

The PHANTOM Communication Converter (PCC) is a custom designed converter that provides FireWire® compatibility to SensAble PHANTOM parallel port devices. This converter includes active componentry that converts signals intended for parallel ports (EPP, IEEE-1284) to be sent and received to and from FireWire ports (IEEE-1394a) on a host computer.

The PCC enables active bi-directional data exchange with regulated timing to preserve real-time interaction with the SensAble parallel port devices, running their servo loops at 1KHz. The converter's on-board microprocessor provides framed isochronous packet mode communication.

Currently supported on Windows® XP 32-bit and 64-bit. The PCC converter is RoHS compliant and has received CE and FCC certifications.

### Included with the PHANTOM Communication Converter:

- CD-ROM containing the PHANTOM Device Driver
- Two FireWire data cables:
  - 6-pin to 6-pin (connect PCC to a desktop computer)
  - 6-pin to 4-pin (connect PCC to a laptop computer)
- Universal 12V DC power adapter kit

The standard FireWire port enables connectivity of the PCC to a computer.

An additional FireWire port can be used to connect to additional devices with a FireWire interface. Selected qualified parallel port device configurations are illustrated below.

Due to a wide range of uses and configurations, please visit the Support and Resources section of our website [www.sensable.com](http://www.sensable.com) for more information.



*PCC Converter Dimensions:  
6.079 W x 1.500 H x 4.260 D inches  
154 W x 38.1 H x 108 D mm*



### Selected qualified configurations

